

We claim:

1. A fungicidal agrochemical composition comprising
 - 5 a) at least one copper salt and
 - b) polylysine, and/or
 - 10 c) at least one polylysine derivative.
2. The composition according to claim 1 which comprises, as additional component d), one or more further fungicidal active ingredients.
3. The composition according to claims 1 and 2, wherein the weight ratio of copper to polylysine and/or or the polylysine derivative is from 1:100 to 20:1.
- 15 4. The composition according to any of claims 1 to 3, wherein the polylysine and/or polylysine derivative present is prepared on the basis of L-lysine.
- 20 5. The composition according to any of claims 1 to 4, which comprises, as further components,
 - e) a solvent, and/or
 - 25 f) at least one basic nitrogen compound, and/or
 - g) adjuvants which are suitable for the formulation.
6. A process for the preparation of an agrochemical composition according to any of claims 1 to 5, which comprises treating polylysine, polylysine derivative or a polylysine and polylysine derivatives mixture with at least one copper salt.
- 30 7. A process for the preparation of an agrochemical composition according to claim 5, wherein
 - 35 a) copper salt(s), polylysine and/or at least one polylysine derivative are treated together with at least one further fungicidal active ingredient and with adjuvants which are suitable for the formulation and the mixture is formulated in a manner known per se; or
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- b) an agrochemical composition according to claim 1 or 2 is treated together with at least one further fungicidal active ingredient and with adjuvants which are suitable for the formulation and the mixture is formulated in a manner known per se; or
 - c) an agrochemical composition according to any of claims 2 to 5 is treated together with an agrochemical formulation of a further fungicidal active ingredient; or
 - d) a copper-containing agrochemical composition which, in addition to copper salt(s), comprises at least one further fungicidal active ingredient, is treated with polylysine and/or a polylysine derivative.
8. The use of polylysine, polylysine derivatives or a combination of polylysine and polylysine derivatives in copper-containing fungicidal formulations.
9. A method for controlling phytopathogenic fungi, which comprises applying an agrochemical composition according to any of claims 1 to 5 to the pest in question or to the materials, plants, soil and seeds to be protected from the harmful organism in question.
10. Seed comprising a composition according to the invention in an amount of from 0.1 to 2.5 kg/100 kg.
11. A material, in particular timber, comprising a composition according to any of claims 1 to 5 in amounts of from 0.0001 g to 2 kg per cubic meter.